

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
7 April 2005 (07.04.2005)

PCT

(10) International Publication Number
WO 2005/030623 A2

(51) International Patent Classification⁷: **B65G 69/24**

(21) International Application Number:
PCT/GB2004/004068

(22) International Filing Date:
24 September 2004 (24.09.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0322406.0 24 September 2003 (24.09.2003) GB

(71) Applicant and

(72) Inventor: HAMM, Brian, L. [GB/GB]; 28 Reedsfield Road, Ashford, Middlesex TW15 2HE (GB).

(74) Agents: FRY, Alan, Valentine et al.; Fry Heath & Spence LLP, The Gables, Massets Road, Horley, Surrey RH6 7DQ (GB).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

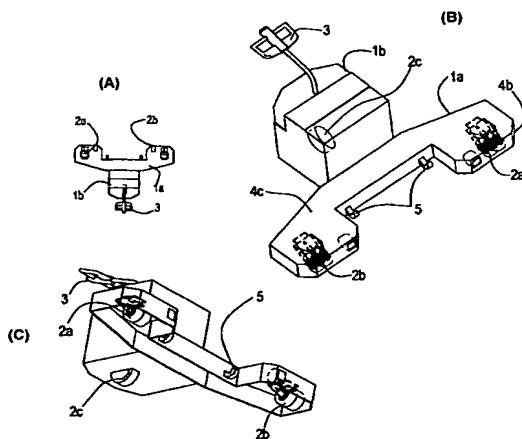
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: A MATERIALS HANDLING SYSTEM



WO 2005/030623 A2

(57) Abstract: A materials handling system comprising, a mobile work station and a self propelled tug, said mobile workstation having a roller conveyor supported on a workstation chassis, said chassis having castors engageable with a floor and a tow bar extending from at least one of a side or end of said chassis, said tug having a body mounted on at least three ground engageable wheels and a tow bar hitch adapted to couple with said extended tow bar such that the rotary axis of at least one of the tug wheels is at least as close to the workstation chassis as the tow bar.